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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,419	03/25/2004	Andrea Luca Guiduzzi	P08215US00/MP	5273

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EXAMINER

TADESSE, YEWEBDAR T

ART UNIT	PAPER NUMBER
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1734

DATE MAILED: 04/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/808,419

Applicant(s)

GUIDUZZI ET AL.

Examiner

Yewebdar T. Tadesse

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

1. The disclosure is objected to because of the following informalities: in the specification on various lines of pages 1-7 applicants recite phrases for instance –the said chamber, the said intakes, the said grids, the said conveyor, the said filter grids, the said machine, the said lower cross-piece, the said collector, the said tank, the said collecting tank, the said fan, the said system and the said flow. These phrases appear to be grammatically incorrect. For the purpose of examination “ said chamber, said intakes, said grids, said conveyor, said filter grids, said machine etc.” are assumed. Appropriate correction is required.

2. Claim 1 is objected to because of the following informalities: in claim 1, line 17; applicant recites “the cleaning and recovery means”. This limitation has no antecedent basis. For the purpose of examination, “a cleaning and recovery means” is assumed. Appropriate correction is required.

3. Claims 1, 2, 4, 5, 7, 9 and 11-14 are also objected to because of the following informalities: In claims 1, 2, 4, 5, 7, 9 and 11-14, applicants recite phrases for instance – the said chamber, the said intakes, the said grids, the said conveyor, the said filter grids, the said machine, the said lower cross-piece, the said collector, the said tank, the said collecting tank, the said fan, the said system and the said flow. These phrases appear to be grammatically incorrect. For the purpose of examination “ said chamber,

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said intakes, said grids, said conveyor, said filter grids, said machine etc.” are assumed.

Appropriate correction is required.

***Allowable Subject Matter***

4. Claims 1-14 are allowable over prior art of record.

5. The following is an examiner's statement of reasons for allowance: Eder (US 5,720,811) discloses (see Abstract and Figs 1 and 5) an apparatus for wet-paint spray painting of article comprising a dry filter (4) arranged movably and a suction (6) for removing dried paint. However, Eder does not disclose suction intake with dry filter means having corrugated profiles positioned transversely downwards towards the conveyor. Walti (US 6,264,547) discloses (see Fig 2) a spraying booth having exhaust filter (15b) with grids (15a) and exhaust channel (22) in communication with exhaust fan (22a). Pingel (US 5,279,631) discloses (see Figs 5 -7) a cabin for spray coating objects comprising a filter element 22 having corrugated filter surface and suction means 531. Yet, Walti and Pingel do not disclose suction intake with dry filter means having corrugated profiles positioned transversely downwards towards the conveyor. Potthoff (US 6,447,609) discloses a paint spraying apparatus a cleaning and recovery means (wiping belt 15 and tank 19) to clean the surface of the conveyor belt transporting the articles. Richerson et al (US 6,585,793) discloses a filter apparatus for use in a paint booth comprising a filter medial having corrugated surface for removing particulates from a fluid flow. Prior art or record does not disclose or suggest self-cleaning system

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for dry recovery of processing mists for spraying UV-dried acrylic paints, comprising among others, self-cleaning conveyor, suction intakes wherein the suction intakes with dry filter means having corrugated profiles positioned transversely downwards towards the conveyor.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. This application is in condition for allowance except for the following formal matters:

Objections to the claims and specification.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yewebdar T. Tadesse whose telephone number is (571) 272-1238. The examiner can normally be reached on Monday-Friday 8:00 AM-4: 30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Fiorilla can be reached on (571) 272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
YTT

  
**CHRIS FIORILLA**  
**SUPERVISORY PATENT EXAMINER**  
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